

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	990	(313/495).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/02/06 13:49
S2	717	313/495 and cathode and anode and (support or barrier or spacer) and (insulating or insulative)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/27 08:26
S3	701	313/495 and cathode and anode and (support or barrier or spacer) and (insulating or insulative) and electron	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/06 13:51
S4	204	313/495 and cathode and anode and (support or barrier or spacer) and (insulating or insulative) and electron and vacuum and (triode or diode or tetrode or pentrode)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/10 14:18
S5	599	313/495 and cathode and anode and (support or barrier or spacer) and (insulating or insulative) and electron and vacuum	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/10 11:29
S6	668	313/309 and cathode and anode and (support or barrier or spacer) and (insulating or insulative) and electron and vacuum	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/06 16:43
S7	150	313/308 and cathode and anode and (support or barrier or spacer) and (insulating or insulative) and electron and vacuum	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/06 17:02
S8	305	313/310 and cathode and anode and (support or barrier or spacer) and (insulating or insulative) and electron and vacuum	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/10 08:50
S9	492	313/336 and cathode and anode and (support or barrier or spacer) and (insulating or insulative) and electron and vacuum	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/10 11:31
S10	506	cathode and anode and (support or barrier or spacer) and (insulating or insulative) and electron and vacuum and (suspended or suspend)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/10 08:27
S11	518	313/495 and cathode and (anode with electron) and (support or barrier or spacer) and (insulating or insulative) and vacuum	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/10 15:24

S12	45	313/495 and cathode and (anode with electron with (receive or receiving)) and (support or barrier or spacer) and (insulating or insulative) and vacuum	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/10 10:12
S13	87	cathode and (anode with electron with (receive or receiving)) and (support or barrier or spacer) and (insulating or insulative) and vacuum and grid	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/10 10:19
S14	68271	"313"/\$.ccls. cathode and (anode with electron with (receive or receiving)) and (support or barrier or spacer) and (insulating or insulative) and vacuum	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/10 10:20
S15	99	"313"/\$.ccls. and cathode and (anode with electron with (receive or receiving)) and (support or barrier or spacer) and (insulating or insulative) and vacuum	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/10 10:27
S16	1179	"313"/\$.ccls. and cathode and (anode with electron) and (support or barrier or spacer) and (insulating or insulative) and vacuum	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/10 10:28
S17	538	"313"/\$.ccls. and cathode and (anode with electron) and (support or barrier or spacer) and (insulating or insulative) and vacuum and grid	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/10 10:52
S18	99571	"313"/\$.ccls. display and grid	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/10 10:52
S19	345	313/495 and cathode and anode and (support or barrier or spacer) and (insulating or insulative) and electron and vacuum and grid	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/10 11:30
S20	269	313/336 and cathode and anode and (support or barrier or spacer) and (insulating or insulative) and electron and vacuum and grid	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/10 11:33
S21	160	313/495 and (grid same spacer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/10 11:36
S22	76	313/336 and (grid same spacer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/10 11:52

S23	104	313/336 and ((heat or heating) near cathode)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/10 12:02
S24	95	313/495 and ((heat or heating) near cathode)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/10 12:05
S25	206	((heat or heating) near cathode) and (cathode with (covered or embedded))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/10 12:10
S26	2	("6124671").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/02/10 12:13
S27	2	("5847496").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/02/10 12:23
S28	413	313/351 and cathode and anode and (support or barrier or spacer) and (insulating or insulative) and electron and vacuum	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/10 12:36
S29	2	("6121725").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/02/10 12:29
S30	90	313/351 and cathode and anode and (support or barrier or spacer) and (insulating or insulative) and electron and vacuum and (control with circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/10 13:05
S31	80	313/496 and cathode and anode and (support or barrier or spacer) and (insulating or insulative) and electron and vacuum and (control with circuit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/10 14:17
S32	121	"445"/\$.ccls. and cathode and anode and (support or barrier or spacer) and (insulating or insulative) and electron and vacuum and (triode or diode or tetrode or pentrode)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/10 14:18
S33	0	313/495 and (electron with emitting) and (BaSrCa and BaSrAl and Tungsten and scandia and scanate and cesium)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/10 15:45

S34	0	313/495 and (electron with emitting) and (BaSrCa and BaSrAl and Tungsten)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/10 15:37
S35	0	"313"/\$.ccls. and (electron with emitting) and (BaSrCa and BaSrAl and Tungsten)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/10 15:40
S36	9	"313"/\$.ccls. and (electron with emitting) and (BaSrCa)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/10 16:04
S37	0	"313"/\$.ccls. and (BaSrCa near tricarbonat)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/10 15:42
S38	0	(electron same emitting) and (BaSrCa near tricarbonat)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/10 15:44
S39	0	BaSrCa near tricarbonat	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/10 15:44
S40	0	(electron with emitting) and (BaSrCa and BaSrAl and Tungsten and scandia and scanate and cesium)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/10 15:46
S41	0	(electron with emitting) and (Tungsten and scandia and scanate and cesium)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/10 15:47
S42	0	Tungsten and scandia and scanate and cesium	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/10 15:48
S43	3894	Tungsten and cesium	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/10 15:48
S44	1613	electron and (Tungsten and cesium)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/10 15:48
S45	583	electron and emitting and (Tungsten and cesium)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/10 15:49

S46	0	electron and emitting and (Tungsten and cesium) and Scandia and scanate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/10 15:49
S47	0	electron and emitting and (Tungsten and cesium) and Scandia and BaSrCa	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/10 15:50
S48	89	electron and emitting and (Tungsten and cesium) and Scandia	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/10 15:53
S49	21420	(electron with emitting)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/10 15:54
S50	0	(electron with emitting) and (thoriated near tugsten)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/10 15:54
S51	4	(electron with emitting) and (tugsten)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/10 15:54
S52	205	"313"/\$.ccls. and (electron with emitting) and (Ba with Sr with Ca)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/10 16:04
S53	0	"313"/\$.ccls. and (electron with emitting) and (Ba with Sr with Ca with tricarbonat)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/10 16:05
S54	0	"313"/\$.ccls. and (electron with emitting) and (Ba with Sr with Ca with (C adj "O?sub.3"))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/10 16:15
S55	205	"313"/\$.ccls. and (electron with emitting) and (Ba with Sr with Ca)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/10 16:16
S56	38	"313"/\$.ccls. and (electron with emitting) same (Ba with Sr with Ca)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/11 08:30
S57	2	"313"/\$.ccls. and (electron with emitting) same (Ba with Sr with Al)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/10 16:51

S58	0	"313"/\$.ccls. and (electron with emitting) same (tugsten and cesium)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/10 16:51
S59	632	"313"/\$.ccls. and (electron with emitting) same (cesium or cs)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/11 08:30
S60	408	"313"/\$.ccls. and (electron near emitting) same (cesium or cs)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/11 08:31
S61	240	"313"/\$.ccls. and (electron near emitting) with (cesium or cs)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/11 08:32
S62	33	"313"/\$.ccls. and (electron near emitting) with (cesium or (c adj s))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/11 08:46
S63	0	"313"/\$.ccls. and grid same ((tungsten or gold or nickel or silver or copper) and (molybdenum or tantalum) and carbon and silicide)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/11 08:48
S64	22	"313"/\$.ccls. and grid same ((tungsten or gold or nickel or silver or copper) and (molybdenum or tantalum) and carbon)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/11 08:50
S65	185	"313"/\$.ccls. and (grid or electrode) same ((tungsten or gold or nickel or silver or copper) and (molybdenum or tantalum) and carbon)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/02/11 10:01
S66	2	("5892323").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/06/02 08:47
S67	58	313/293 and substrate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/30 11:41
S68	27	313/15 and substrate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/30 11:43

S69	11	313/42 and substrate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/30 11:44
S70	1533	313/495 and substrate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/30 11:44
S71	1365	313/495 and substrate and cathode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/30 11:47
S72	1133	313/495 and substrate and cathode and anode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/30 11:48
S73	483	313/495 and substrate and cathode and anode and gap	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/05/30 11:49
S74	2	("5841219").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/06/02 08:50
S75	2	("5955828").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/06/02 08:54
S76	2	("5850120").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/06/02 08:54
S77	2	("5561345").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/06/02 08:55
S78	4	"5841219"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/06/02 08:55
S79	91	"313"/\$ and (thermionic same vacuum same gas)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/06/02 09:07

S80	135	"313"/\$ and (thermionic same vacuum) and (hydrogen or helium or krypton or argon or merucry)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/06/02 09:13
S81	2	("5141459").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/06/02 10:02
S82	2	("5850120").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/06/02 10:02
S83	2	("5841219").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/02 16:39
S84	2	("5841219").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/02 17:26
S85	2	("5841219").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/03 11:46
S86	2	"313"/\$ and (solid with state with vacuum with method).ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/03 13:23
S87	3	("6,091,189").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/03 13:45
S88	2	("6,184,610").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/03 13:50
S89	2	("6051923").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/03 13:53
S90	2	("5973444").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/03 13:55
S91	2	("5397597").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/03 13:56



S92	2	("5397957").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/03 14:26
S93	2	("5850120").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/03 14:26
S94	1908	313/495 and cathode and anode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/27 10:53
S95	1093	313/495 and cathode and anode and (support or barrier or spacer) and (insulating or insulative)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/27 08:26
S96	815	S94 not S95	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/27 08:27
S97	1	("6633119").URPN.	USPAT	OR	ON	2005/07/27 08:43
S98	11	("5223766"   "5578900"   "5772485"   "5864205"   "5883467"   "5907215"   "5934964"   "5945780"   "5955140"   "6042443"   "6100627").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/27 08:43
S99	4	("5841219").URPN.	USPAT	OR	ON	2005/07/27 09:24

S10 0	52	("3665241"   "3701919"   "3748522"   "3755704"   "3824478"   "3970887"   "3978364"   "3983442"   "4019081"   "4020381"   "4163949"   "4298814"   "4429250"   "4513308"   "4658181"   "4683399"   "4712039"   "4721885"   "4780684"   "4855636"   "4924137"   "4983878"   "4987377"   "5007873"   "5030879"   "5038070"   "5053673"   "5118983"   "5173634"   "5181874"   "5199918"   "5203731"   "5216324"   "5220238"   "5259799"   "5285131"   "5289078"   "5381069"   "5397957"   "5399238"   "5411426"   "5436530"   "5463269"   "5463271"   "5463277"   "5475281"   "5502314"   "5505647"   "5508584"   "5541466"   "5569974"   "5572041").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/27 09:25
S10 1	965	313/496 and cathode and anode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/27 09:34
S10 2	186	S101 not S94	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/27 09:31
S10 3	911	313/497 and cathode and anode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/27 09:39
S10 4	154	S103 not S94	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/27 09:34
S10 5	85	S104 not S101	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/27 09:35
S10 6	1749	313/309 and cathode and anode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/27 10:42

S10 7	706	S106 not S94	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/27 09:40
S10 8	689	S107 not S101	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/27 09:40
S10 9	666	S108 not S103	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/27 09:40
S11 0	549	313/311 and cathode and anode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/27 10:46
S11 1	297	S110 not S94	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/27 10:43
S11 2	291	S111 not S101	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/27 10:43
S11 3	284	S112 not S103	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/27 10:43
S11 4	208	S113 not S106	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/27 10:43
S11 5	129	313/293 and cathode and anode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/27 10:50
S11 6	464	313/346R and cathode and anode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/27 10:50
S11 7	309	S116 not S94	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/27 10:50
S11 8	268	S117 not S106	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/27 10:50

S11 9	231	S118 not S110	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/27 10:50
S12 0	1254	313/336 and cathode and anode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/27 11:14
S12 1	506	S120 not S94	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/27 10:53
S12 2	496	S121 not S101	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/27 10:53
S12 3	486	S122 not S103	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/27 10:54
S12 4	157	S123 not S106	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/27 10:54
S12 5	144	S124 not S110	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/27 10:54
S12 6	116	S125 not S116	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/27 10:54
S12 7	162	313/337 and cathode and anode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/27 11:14